

professional laboratory and drilling services

E.J. Malone
Powder Mill Fish Hatchery (NH Fish&Game)
288 Merrymeeting Road
New Durham, NH 03855

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 172150

Client Identification: None

Date Received: 8/11/2017



Dear Mr. Malone:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

< : "less than" followed by the reporting limit

> : "greater than" followed by the reporting limit

%R: % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

Date

of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE



EAI ID#: 172150

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: None

Temperature upon receipt (°C): 2.9

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received		Sample % Dry Matrix Weigh	t Exceptions/Comments (other than thermal preservation)
172150.01	Inflow	8/11/17	8/10/17	aqueous	Adheres to Sample Acceptance Policy
172150.02	001 Outfall	8/11/17	8/10/17	aqueous	Adheres to Sample Acceptance Policy
172150.03	002 Outfall	8/11/17	8/10/17	aqueous	Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



LABORATORY REPORT

EAI ID#: 172150

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: None

Sample ID:	Inflow	001 Outfall	002 Outfall					
Lab Sample ID:	172150.01	172150.02	172150.03					
Matrix:	aqueous	aqueous	aqueous					
Date Sampled:	8/10/17	8/10/17	8/10/17			Analysis		
Date Received:	8/11/17	8/11/17	8/11/17	RL	Units	Date Time	Method	Analyst
Solids Suspended	< 2	< 2	2	2	mg/L	8/14/17 13:00	2540D-97	HE
Total Phosphorus-P	< 0.01	0.06	0.04	0.01	mg/L	8/14/17 13:38	365.1	SEL

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CHAIN-OF-CUSTODY RECORD

REGULATORY PROGRAM: NPDES: RGP POTW STORMWATER OR SITE NAME: E-MAIL: ROWARD, Malone @wildlife.nh. gov PHONE: 603 CITY: ///ew Durham ADDRESS: 288 COMPANY: Youder PROJECT MANAGER: EJ Malane MATRIX: A-AIR; S-SOIL; GW-GROUND WATER; SW-SURFACE WATER; DW-DRINKING WW-WASTE WATER Quote #: PRESERVATIVE: H-HCL; N-HNO3; S-H2SO4; Na-NaOH; M-MEOH 002 OF GI 101 OF 3= おりos E SAMPLE I.D. A Eastern Analytical, Inc. GWP, OIL FUND, BROWNFIELD OR OTHER: Me crymeeting Rd ₹ 553 Mill Fish 품 2041 ₹ Indicate Both Start & Finish *IF COMPOSITE, DATE / TIME SAMPLING DATE/TIME STATE: OTHER: といってもみ NH NADOPO mPood o 8/10/17 UH 2080 F//oAm 11P: 038555 EXT. MATRIX (SEE BELOW) BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS. WATER; ()GRAB/*COMPOSITE 524.2 524.2 BTEX 8260B 624 I, 4 Dioxane VTICs VOC SAMPLER(S): ET Malone 8021B BTEX HALOS PRESUMPTIVE CERTAINTY QA/QC RELINQUISHED BY: RELINQUISHED BY: REPORTING LEVEL DATE NEEDED: RELINQUISHED BY: 8015B GRO MAVPH 8270D 625 SYTICS EDB DBCP Mother ABN BN PAH . Malay 8/11/17 TPH8100 -LI L2 SYOC 8015B DRO MAEPH \circ PEST 608 PCB 608 PCB 8082 PEST 8081A DATE: OIL & GREASE 1664 TPH 1664 No Fax IF YES: FAX OR PDF PRELIMS: YES OR NO TCLP METALS **ELECTRONIC OPTIONS** REPORTING OPTIONS TCLP 1311 ABN METALS PEST HERB DISSOLVED METALS (LIST BELOW) E-MAIL TME: 14) 14) 185 Ħ TOTAL METALS (LIST BELOW) 12 (122) TDS SPEC. CON. 뫋 F SO₄ NO₂ NO_3 NO₃NO RECEIVED BY: ACCUMED BY: **INORGANICS** T. ALK. BOD CBOD EQUIS Œ? EMP. > O. Phos NH_3 T. Phos. X TKN 222 E T. RES. CHLORINE TOC DOC con PHENOIS 8 Total Cyanide TOTAL SULFIDE REACTIVE SULFIDE REACTIVE CYANIDE SITE HISTORY: OTHER METALS: METALS: FIELD READINGS SUSPECTED CONTAMINATION NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT) SAMPLES FIELD FILTERED? Flashpoint IGNITABILITY MICRO TOTAL COLIFORM E. Coli FECAL COLIFORM Enterococci **~** HETEROTROPHIC PLATE COUNT RCRA OTHER ಹ P YES # of Containers Æ MEOH VIAL # ₹ Notes □ No ₽, 2

25 Chenell Drive | Concord, NH 03301 | Tel: 603.228.0525 | 1.800.287.0525 | Fax: 603.228.4591 | E-Mail: customerservice@eailabs.com www.eailabs.com (WHITE: ORIGINAL GREEN: PROJECT MANAGER)

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